

WHAT IS CLAIMED IS:

1. An evaluation device for evaluating usability of an object device on the basis of an operation by an examinee upon the object device,
5 comprising:
 - means for defining an initial status of the object device;
 - means for defining a target status after operating the object device;
 - 10 operation identifying means for identifying an examinee's operation upon the object device;
 - status identifying means for identifying an operation status of the object device by the examinee's operation;
 - 15 judging means for judging whether the operation status is coincident with the target status or not; and
 - time measuring means for measuring elapsed time till the operation status reaches the target status
 - 20 from the initial status.

2. An evaluation device according to claim 1, wherein the target status contains a plurality of transition statuses,
25 said judging means sequentially judges whether the operation status is coincident with each of the plurality of transition statuses, and

said time measuring means measures each elapsed time till each of the transition status is reached.

3. An evaluation device according to claim 1,
5 wherein said operation identifying means includes a detection unit for detecting the operation upon the object device, and a notifying unit for notifying of the detected operation.

10 4. An evaluation device according to claim 1, wherein said operation identifying means includes means for receiving a signal generated corresponding to the operation upon the object device, and

said status identifying means identifies the
15 operation status by referring to a signal definition part in which a change in the status of the object device that corresponds to the signal is defined.

5. An evaluation device according to claim 4,
20 further comprising:

means for referring to time when receiving the signal; and

means for recording the time when receiving the signal together with the operation status identified
25 by the received signal.

6. An evaluation device according to claim 1,

wherein said operation identifying means includes means for reading a recording part recorded with the signal generated corresponding to the operation upon the object device and with generation time of this
5 signal,

said status identifying means identifies the operation status by referring to said signal definition part in which the change in the status of the object device that corresponds to the signal is
10 defined, and

said time measuring means includes means for calculating the elapsed time on the basis of the generation time read from said recording part.

15 7. An evaluation device according to claim 1, wherein said judging means judges that the operation status is coincident with the target status when the operation status is continuously in the target status during a predetermined period.

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8. An evaluation device according to claim 1, further comprising:

means for registering attributes of the examinee operating the object device;

25 means for adding up the elapsed time for every attribute of the examinee; and

means for calculating a ratio of an added-up

result about examinees having a first attribute to an added-up result about examinees having a second attribute.

5 9. An evaluation method of making a computer evaluate usability of an object device on the basis of an operation by an examinee upon the object device, comprising:

 a step of receiving a definition of an initial
10 status of the object device;

 a step of receiving a definition of a target status after operating the object device;

 an operation identifying step of identifying an examinee's operation upon the object device;

15 a status identifying step of identifying an operation status of the object device by the examinee's operation;

 a judging step of judging whether the operation status is coincident with the target status or not;
20 and

 a step of measuring elapsed time till the operation status reaches the target status from the initial status.

25 10. A readable-by-computer recording medium recorded with a program for making a computer evaluate usability of an object device on the basis

of an operation by an examinee upon the object device,
comprising:

a step of receiving a definition of an initial
status of the object device;

5 a step of receiving a definition of a target
status after operating the object device;

an operation identifying step of identifying an
examinee's operation upon the object device;

a status identifying step of identifying an
10 operation status of the object device by the
examinee's operation;

a judging step of judging whether the operation
status is coincident with the target status or not;
and

15 a step of measuring elapsed time till the
operation status reaches the target status from the
initial status.

11. A readable-by-computer recording medium
20 recorded with a program according to claim 10,
wherein the target status contains a plurality of
transition statuses,

said judging step includes a step of
sequentially judging whether the operation status is
25 coincident with each of the plurality of transition
statuses, and

said time measuring step includes a step of

measuring each elapsed time till each of the transition status is reached.

12. A readable-by-computer recording medium
5 recorded with a program according to claim 10,
wherein said operation identifying step includes a
step of detecting the operation upon the object
device, and a step of notifying of the detected
operation.

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13. A readable-by-computer recording medium
recorded with a program according to claim 10,
wherein said operation identifying step includes a
step of receiving a signal generated corresponding to
15 the operation upon the object device, and

said status identifying step includes a step of
referring to a signal definition part in which a
change in the status of the object device that
corresponds to the signal is defined, thereby
20 identifying the operation status.

14. A readable-by-computer recording medium
recorded with a program according to claim 13,
further comprising:
25 a step of referring to time when receiving the
signal; and
a step of recording the time and the operation

status identified by the signal received at the above time.

15. A readable-by-computer recording medium
5 recorded with a program according to claim 10,
wherein said operation identifying step includes a
step of reading a recording part recorded with the
signal generated corresponding to the operation upon
the object device and with generation time of this
10 signal,
said status identifying step includes a step of
referring to said signal definition part in which the
change in the status of the object device that
corresponds to the signal is defined, thereby
15 identifying the operation status, and
said time measuring step includes a step of
calculating the elapsed time on the basis of the
generation time read from said recording part.

20 16. A readable-by-computer recording medium
recorded with a program according to claim 10,
wherein said judging step involves judging that the
operation status is coincident with the target status
when the operation status is continuously in the
25 target status during a predetermined period.

17. A readable-by-computer recording medium

recorded with a program according to claim 10,
further comprising:

a step of receiving registration of attributes
of the examinee operating the object device;

5 a step of adding up the elapsed time for every
attribute of the examinee; and

a step of calculating a ratio of an added-up
result about examinees having a first attribute to an
added-up result about examinees having a second
10 attribute.

18. An evaluation device evaluating usability
of an object device on the basis of an operation by
an examinee upon the object device,
15 comprising:

an initial status defining module defining an
initial status of the object device;

a target status defining module defining a
target status after operating the object device;

20 an operation identifying module identifying an
examinee's operation upon the object device;

a status identifying module identifying an
operation status of the object device by the
examinee's operation;

25 a judging module judging whether the operation
status is coincident with the target status or not;
and

a time measuring module measuring elapsed time till the operation status reaches the target status from the initial status.

5 19. An evaluation method of making a computer evaluate usability of an object device on the basis of an operation by an examinee upon the object device, comprising:

 receiving a definition of an initial status of
10 the object device;
 receiving a definition of a target status after operating the object device;
 identifying an examinee's operation upon the object device;
15 identifying an operation status of the object device by the examinee's operation;
 judging whether the operation status is coincident with the target status or not; and
 measuring elapsed time till the operation
20 status reaches the target status from the initial status.

 20. A readable-by-computer recording medium recorded with a program for making a computer
25 evaluate usability of an object device on the basis of an operation by an examinee upon the object device, comprising:

receiving a definition of an initial status of
the object device;

receiving a definition of a target status after
operating the object device;

5 identifying an examinee's operation upon the
object device;

identifying an operation status of the object
device by the examinee's operation;

judging whether the operation status is
10 coincident with the target status or not; and

measuring elapsed time till the operation
status reaches the target status from the initial
status.

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